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## UTILITY PATENT APPLICATION

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|-------------------------|-------------------------|-------------|----------------|
| Attorney Docket No.:    | SC13292ZC               | РТ          | S              |
| First Inventor:         | Paul J. Daniels         | S           | 7              |
| Title:                  | DETECTING CURRENTS IN A | 5           | 2              |
| 1 itie:                 | SWITCHING REGULATOR     | <b>\\ \</b> | ₫              |
| Express Mail Label No.: | EV322113020US           | 36          | $\overline{c}$ |

|  | TRANSMITTAL   |  |   | Title:   |   | CHING CURRE                             |   | 780               |  |  |
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| ۱.   | (Only for new nonprovisional applications under 37 CFR 1.53(b))   | Expre  | ss Mai  | l Label No.:   | EV322   | 113020US                                |   | 36/               |  |  |
| ֓֞֞֜֞֜֞֜֞֜֓֓֓֓֟֜֜֟֜֟֓֓֓֓֟֜֟֜֟֓֓֓֟֜֟֜֟֓֓֓֟֜֟֓֓֓֓֟֜֟֓֓֓֡֓֟֜֡֡֡֡֡֡֡֡  | APPLICATION ELEMENTS (see MPEP chapter 600 concerning utility patent application co   | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450 |   |  |   |   |   |                   |  |  |
| 1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  2. Applicant claims small entity status See 37 CFR 1.27  3. X Specification [Total Pages 19] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or computer program listing appendix -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description  |   |  |   | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence (if applicable, all necessary)  a. Computer Readable Form (CFR)  b. Specification Sequence Listing on:  i. CD-ROM or CD-4 (2 copies); or  ii. Paper  c. Statements verifying identity of above copies |   |   |   |                   |  |  |
| ı  | -Claim(s)   |  | <u></u>   |  |   | APPLICATIO                              |   |                   |  |  |
|  | -Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets  5. Oath or Declaration [Total Sheets a. X Unsigned Declaration (original or copy)  b. Copy from prior application (37 CFR 1.63  | 4 ]  3(d))  entor(s)   | 9.<br>10.<br>11.<br>12.<br>13.<br>14.<br>15.<br>16. | 37 CFR 3 (when th English X Informal PTO/SB Stateme Prelimi X Return (Should Certifie  | 3.73(b) Sta<br>ere is an<br>Transla<br>tion Disc<br>5/08 &<br>ent (IDS<br>nary Am<br>Receipt<br>d be spe<br>ed Copy<br>(blication | assignee) tion Document ( losure, [1] ( | ower of Atto  if applicab  Copies of II  Citations  2 503)  d)  ment  35 U.S.C. | nney<br>de)<br>DS |  |  |
| ŀ  | 18 IF A CONTINUING APPLICATION check appropriate be   | or and sum   | aly the re  | anisite informati  | ion helow   | and in the first sente                  | ence of the   |                   |  |  |
| 18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in- Part (CIP) of prior application No.  Prior application information: Examiner: Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. |   |  |   |  |   |   |   |                   |  |  |
|  | 19. CORRE   | SPONDE   | NCE A   | DDRESS   |   |   |   |                   |  |  |
| -  | ∑ Customer Number      23125      or □ Correspondence address below        Name   |  |   |  |   |   |   |                   |  |  |
|  | Address   |  |   |  |   |   |   |                   |  |  |
| 1  | City State Zip Code   |  |   |  |   |   |   |                   |  |  |
| Country     Telephone     Fax       Name     James L. Clingan, Jr.     Registration No.     30,163   |   |  |   |  |   |   |   |                   |  |  |
| t  | SIGNATURE James J Chinan I  | Dat  | -   | 3/19/64  | · · · · · · · · · · · · · · · · · · ·   |   |   |                   |  |  |
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## Complete if Known FEE **Application Number** TRANSMITTAL Filing Date Patent fees are subject to annual revision First Named Inventor Paul J. Daniels Applicant claims small entity status. See 37 CFR 1.27 **Examiner Name** Group Art Unit TOTAL AMOUNT OF PAYMENT (\$)770SC13292ZC Attorney Docket No. FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Check Credit card Money Order Other None Large Small Entity Entity X Deposit Account: Fee Fee Fee Fee Deposit Account Number 502117 Code (\$) Code (\$) Fee Description Deposit Account Name Motorola, Inc. The Director is authorized to: (check all that apply) 1051 130 2051 65 Surcharge - late filing fee or oath 25 Surcharge - late Provisional filing [X]Charge fee(s) indicated below X | Credit any overpayments 1052 50 2052 1053 130 1053 130 Non-English specification Charge any additional fee(s) during the pendency of this application 2520 For filing a request for ex parte 1812 2520 1812 Reexamination Charge fees(s) indicated below, except for the filing fee to the 920\* 1804 9201 1804 Requesting publication of SIR prior to above-identified deposit account. Examiner action 18401 1840\* Requesting publication of SIR after 1805 1805 Examiner action 1251 110 2251 55 Extension for reply within first month FEE CALCULATION 1252 420 2252 210 Extension for reply within second month 1253 950 2253 475 Extension for reply within third month 1254 1480, 2254 740 1. BASIC FILING FEE Extension for reply within fourth month 2010 2255 1005 Extension for reply within fifth month 1255 Entity Small Entity 1401 330 2401 165 Notice of Appeal Large Filing a brief in support of an appeal Fee Fee Fee Fee 1402 330 2402 165 Code (\$) Fee Paid 1403 290 2403 145 Request for oral hearing Code (\$) Petition to institute a public use 1510 1451 1510 proceeding 1451 770 2001 385 Utility filing fee 1452 110 2452 55 Petition to revive - unavoidable 1001 770 Petition to revive - unintentional 170 Design filing fee 1453 1330 2453 665 1002 340 2002 530 2003 265 Plant filing fee 1501 1330 2501 665 Utility issue fee (or reissue) 1003 1502 480 2502 Design issue fee 1004 780 2004 385 Reissue filing fee 240 320 1005 160 2005 80 Provisional filing fee 1503 640 2503 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner SUBTOTAL (1) | (S) 770 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 2. EXTRA CLAIM FEES 1806 180 1806 180 Submission of IDS Previously 8021 40 8021 40 Recording each patent assignment Extra Fee from Fee Paid per property (times number of properties) Paid\* Claims below Total Claims . 20 1809 770 2809 385 Filing a submission after final 0 18 n rejection (37 CFR § 1.129(a)) Independent Claims 0 86 0 1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) Multiple Dependent 290 Entity 1801 770 2801 385 Request for Continued Examination Large Entity Small Fee (RCE) Fee Fee Fee Request for expedited examination 900 1802 Code (\$) Code (\$) Fee Description 1802 900 1202 18 2202 9 Claims in excess of 20 of a design application 1201 84 2201 42 Independent claims in excess of 3 Other fee (specify) 1203 280 2203 140 Multiple dependent claim, if not paid \* Reissue independent claims over original patent 1204 84 2204 42 \*Reissue claims in excess of 20 and over original 1205 18 2205 SUBTOTAL (3) SUBTOTAL (2) (S) 0 (\$) \*\* or number previously paid, if greater; For Reissues, see above. \* Reduced by Basic Filing Fee Paid Complete (if applicable) SUBMITTED BY Registration No. (512) 996-6839 30,163 James L. Clingan, Jr. Name (Print/Type) Telephone ames J Clinyan, Date Signature